



Sheet 1 of 4

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.
1489.1001/MJH

APPLICATION NO.
09/826,420

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

FIRST NAMED INVENTOR

James E. McGowan, Jr.

FILING DATE

April 5, 2001

GROUP ART UNIT

To be assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
MRC	AA	3,069,734	11/24/58	Leuthner	422	78	NOV 24 1958
MRC	AB	3,486,295	2/13/67	Rausing et al.	53	89	Feb 13 1967
MRC	AC	3,725,003	4/3/73	Moore et al.	422	58	—
MRC	AD	3,735,551	5/29/73	Pratt	53	22A	DEC. 20 1971
MRC	AE	3,830,365	8/20/74	Krueger et al.	206	471	Oct. 19 1972
MRC	AF	3,936,270	2/3/76	Gunther	422	91	June 13 1972
MRC	AG	3,939,287	2/17/76	Orwig et al.	426	316	June 17 1974
MRC	AH	3,954,406	5/4/76	Chamberlain	422	57	MAR 14 1972
MRC	AI	4,041,203	8/9/77	Brock et al.	422	157	Oct. 4 1976
MRC	AJ	4,066,399	1/3/78	Gunther	422	58	Sept. 26 1975
MRC	AK	4,148,933	4/10/79	Janovtchik	426	402	Aug 30 1977
MRC	AL	4,250,143	2/10/81	Bryan et al.	422	109	June 8 1979
MRC	AM	4,294,804	10/13/81	Baran	422	112	June 25 1980
MRC	AN	4,329,829	5/18/82	Torterotot	53	426	Mar. 31 1980

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
MRC	AO	1 501 802	2/22/78	United Kingdom	—	—	✓
MRC	AP	0 182 553	5/28/86	EPO	—	—	✓

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

MRC	AQ	Multivac Packing Machines, Pin Gas Flushing System for Uniform Gas Distribution, Multivac, Inc. 1998
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EXAMINER

Morgan R. Sharip

DATE CONSIDERED

06/30/03

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MRC	BA	4,332,122	6/1/82	Williams	53	425	June 23 1980
MRC	BB	4,342,730	8/3/82	Perrotta	423	215.5	Aug. 23 1981
MRC	BC	4,372,098	2/8/83	Mason	53	412	May 5 1983
MRC	BD	4,622,800	11/18/86	Turtschan	53	425	June 26 1985
MRC	BE	4,656,813	4/14/87	Baldini et al.	53	410	Nov 7 1984
MRC	BF	4,673,506	6/16/87	Henne et al.	210	636	Nov. 25 1985
MRC	BG	4,681,739	7/21/87	Rosenblatt et al.	422	37	Apr. 18 1984
MRC	BH	4,708,849	11/24/87	Mielnik, Jr. et al.	422	26	Jul. 2 1984
MRC	BI	4,770,851	9/13/88	Joslyn	422	26	Jul. 7 1986
MRC	BJ	4,777,780	10/18/88	Holzwarth	53	432	Dec 1 1987
MRC	BK	4,954,284	9/4/90	Batt et al.	252	170	Aug. 30 1989
MRC	BL	5,000,918	3/19/91	Mebes	422	34	Aug. 28 1987
MRC	BM	5,069,017	12/3/91	Fabricius	53	426	Jul. 11 1990
MRC	BN	5,082,636	1/21/92	Andersen	422	294	Oct. 4 1989

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
MRC	BO	824.786	5/15/75	Belgium	—	—	(X)
MRC	BP	WO96/09210	3/28/96	WIPO	—	—	abstr

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

MRC	BQ	Technical Information Report, Ethylene Oxide Sterilization Equipment, Process Considerations, and Pertinent Calculations, AAMI Tir No. 15-1997
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Morgan R. Chalip	06/30/03

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
MRC	CA	5,135,715	8/4/92	Andersen	422	28	Sep. 4 1991
MRC	CB	5,160,700	11/3/92	Anderson et al.	422	34	Jan. 2 1991
MRC	CC	5,223,217	6/29/93	Frizziero	422	26	Jan. 29 1991
MRC	CD	5,271,207	12/21/93	Epstein et al.	53	432	Nov. 18 1992
MRC	CE	5,427,738	6/27/95	Galloway	422	26	Apr. 8 1994
MRC	CF	5,474,738	12/12/95	Nichols et al.	422	26	Oct. 21 1993
MRC	CG	5,749,203	5/12/98	McGowan, Jr.	53	432	Sep 23 1998
MRC	CH	2,938,766	5/31/60	Hall	422	58	Jan 21 1968
MRC	CI	3,283,469	11/8/66	McBrady et al.	53	22	Mar 19 1963
MRC	CJ	3,026,791	3/27/62	Wegener	99	356	Mar 17 1958
MRC	CK	3,469,364	9/30/69	Bischoff	53	37	May 15 1967
MRC	CL	3,938,659	2/17/76	Wardwell	206	439	Jun. 24 1974
MRC	CM	4,034,536	7/12/77	Mahaffy et al.	53	22 A	Nov. 26 1976
MRC	CN	4,058,953	11/22/77	Sanborn, Jr. et al.	53	22 A	July 26 1976

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
MRC	CO	WO96/35868	11/14/96	WIPO	—	—	Abst.
MRC	CP	1017527	9/20/77	Canada	—	—	✓

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

MRC	CQ	Standard Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheeting, pp206-217
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EXAMINER <i>Morgan R. Charlip</i>	DATE CONSIDERED <i>06/30/03</i>
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
MRL	DA	4,121,714	10/24/78	Daly et al.	206	303	Mar. 23 1977
MRL	DB	4,543,770	10/1/85	Walter et al.	53	511	Mar. 1 1983
MRL	DC	4,567,713	2/4/86	Natterer	53	433	May 14 1984
MRL	DD	4,777,782	10/18/88	Nixon, Jr. et al.	53	433	Jun 5 1987
MRL	DE	4,831,811	5/23/89	Nixon, Jr. et al.	53	433	Jun. 17 1989
MRL	DF	5,302,358	4/12/94	Andersen et al.	422	303	Jan. 15 1993
MRL	DG	4,937,046	6/26/90	Andersen et al.	422	34	Jan. 26 1990
MRL	DH	5,227,132	7/13/93	Andersen et al.	422	2	Dec. 12 1991
	DI						
	DJ						
	DK						
	DL						
	DM						
	DN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
MRL	DO	1033143	6/20/78	Canada	—	—	✓
MRL	DP	1034341	7/11/78	Canada	—	—	✓

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER <i>Manya R. Chahij</i>	DATE CONSIDERED <i>06/30/03</i>
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 69105 REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR James E. McGowan, Jr.			
		FILING DATE April 5, 2001	GROUP ART UNIT To be assigned		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>MRC</i>	FA	5,472,702 A	12/1995	Muth et al.	424	422	April 25 1994
	FB						
	FC						
	FD						
	FE						
	FF						
	FG						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
<i>MRC</i>	FH	2 769 289 A	4/1999	France	—	—	
	FI						X

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	FJ	
	FK	

EXAMINER	DATE CONSIDERED
<i>Morgan R. Charley</i>	06/30/03

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PTO-1449

U.S. PATENT DOCUMENTS

*EXAMINER MARSHAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
MRC	EA	5,868,244	2/99	Ivanov et al.	206	63.3	Dec. 11 1987
MRC	EB	4,678,640	7/87	Hamano et al.	422	56	Nov 18 1985
MRC	EC	3,630,665	12/71	Andersen et al.	422	58	Aug. 25 1969
MRC	ED	3,716,961	2/73	Cope et al.	RECEIVED		Dec. 29 1970
MRC	EE	4,346,710	8/82	Thanawalla et al.	MAY 28 6 2002	2072	May 12 1980
	EF						
	EG				TC 1700		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
	EH						
	EI						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

EJ	
EK	

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